

INTEGRATED AIR AND FUEL CARRIER MODULE

ABSTRACT OF THE DISCLOSURE

An air induction manifold has manifold air passages. A carrier has air passages to communicate air from the manifold air passages to an engine. The carrier has a first sealing interface for a manifold and a second sealing interface for an engine cylinder. The first sealing interface seals the communication of air between the manifold air passage and the carrier air passage. A valve is mounted to the carrier that controls the communication of air through the carrier air passage.

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